

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1043	((deliver\$ infus\$4) and (fluid medication) and separate and location).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 11:31
L2	372	((deliver\$ infus\$4) and (fluid medication) and separate and location and valve).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 11:32
L3	163	((deliver\$ infus\$4) and (fluid medication) and separate and location and valve and inlet and outlet).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 11:32
L4	24	((deliver\$ infus\$4) and (fluid medication) and separate and location and valve and inlet and outlet and diaphragm).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 11:34
L5	10	((deliver\$ infus\$4) and (fluid medication) and separate and location and valve and inlet and first with second with outlet and diaphragm).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 11:37
L6	7	((deliver\$ infus\$4) and (fluid medication) and separate and location and valve and inlet and spring and first with second with outlet and diaphragm).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 11:39
L7	23	((deliver\$ infus\$4) and (fluid medication) and valve and inlet and spring and first near5 second near5 outlet and diaphragm and open and close).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 11:42
L8	3	((deliver\$ infus\$4) and (fluid medication) and valve and inlet and spring and first near5 second near5 outlet and diaphragm and longitudinal near axis).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 11:43

## EAST Search History

S1	100	((("0783971") or ("2423701") or ("2734526") or ("3130586") or ("3149492") or ("3418853") or ("3603152") or ("3731679") or ("4027536") or ("4139008") or ("4141252") or ("4174637") or ("4177810") or ("4179939") or ("4202333") or ("4210173") or ("4236880") or ("4265240") or ("4299218") or ("4318400") or ("4381006") or ("4384578") or ("4395259") or ("4396385") or ("4398542") or ("4398908") or ("4404854") or ("4410322") or ("4411651") or ("4416595") or ("4425800") or ("4446344") or ("4456223") or ("4460358") or ("4483196") or ("4484479") or ("4487603") or ("4493704") or ("4535641") or ("4548607") or ("4550748") or ("4559038") or ("4559040") or ("4565542") or ("4636197") or ("4650469") or ("4657486") or ("4681513") or ("4741733") or ("4813937") or ("4938223") or ("4973312") or ("5017059") or ("5053031") or ("5059182") or ("5078679") or ("5078683") or ("5085631") or ("5127907") or ("5135500") or ("5160323") or ("5163901") or ("5165873") or ("5165874") or ("5181910") or ("5261882") or ("5332370") or ("5342313") or ("5364242") or ("5538399") or ("5556263") or ("5575770") or ("5603364") or ("5618163") or ("5632606") or ("5647575") or ("5655779") or ("5695473") or ("5710401") or ("5725504") or ("5743878") or ("5755691") or ("5772635") or ("5788673") or ("5799690") or ("5800397") or ("5807075") or ("5853373") or ("5931647") or ("5941533") or ("5944495") or ("6007310") or ("6090071") or ("6585499"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/11 11:31
S3	27	STRYKER adj INSTRUMENTS.as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 18:21
S4	2	TOMAN-JASON.in. or STAUNTON-DOUG.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 13:32

## EAST Search History

S5	2	TOMAN-JASON.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 15:02
S6	2	STAUNTON-DOUG.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 14:59
S8	1	("6679862").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/16 15:00
S9	6	toman-jason-dee.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 15:01
S11	9	(jason near3 toman).in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 15:03
S12	9	(jason with toman).in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 15:03
S13	2	(doug with staunton).in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 15:04
S14	2	(douglas with staunton).in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 15:05

## EAST Search History

S16	104	("0681076"   "0783971"   "20020061255"   "2423701"   "2734526"   "3130586"   "3149492"   "3418853"   "3603152"   "3731679"   "4027536"   "4139008"   "4141252"   "4174637"   "4177810"   "4179939"   "4202333"   "4210173"   "4236880"   "4265240"   "4299218"   "4318400"   "4381006"   "4384578"   "4391600"   "4395259"   "4396385"   "4398542"   "4398908"   "4404854"   "4410322"   "4411651"   "4416595"   "4425800"   "4446344"   "4456223"   "4460358"   "4483196"   "4484479"   "4487603"   "4493704"   "4535641"   "4548607"   "4550748"   "4559038"   "4559040"   "4565542"   "4636197"   "4650469"   "4657486"   "4681513"   "4741733"   "4813937"   "4938223"   "4973312"   "5017059"   "5053031"   "5059182"   "5078679"   "5078683"   "5085631"   "5127907"   "5135500"   "5160323"   "5163901"   "5165873"   "5165874"   "5181910"   "5261882"   "5332370"   "5342313"   "5364242"   "5538399"   "5556263"   "5575770"   "5603364"   "5618163"   "5632606"   "5647575"   "5655779"   "5695473"   "5710401"   "5725504"   "5743878"   "5755691"   "5772635"   "5788673"   "5799690"   "5800397"   "5807075"   "5853373"   "5931647"   "5941533"   "5944495"   "6007310"   "6090071"   "6585499").PN. OR ("6908452"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 17:36
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## EAST Search History

S17	98	("2423701"   "2734526"   "3130586"   "3149492"   "3418853"   "3603152"   "3731679"   "4027536"   "4139008"   "4141252"   "4174637"   "4177810"   "4179939"   "4202333"   "4210173"   "4236880"   "4265240"   "4299218"   "4318400"   "4381006"   "4384578"   "4395259"   "4396385"   "4398542"   "4398908"   "4404854"   "4410322"   "4411651"   "4416595"   "4425800"   "4446344"   "4456223"   "4460358"   "4483196"   "4484479"   "4487603"   "4493704"   "4535641"   "4548607"   "4550748"   "4559038"   "4559040"   "4565542"   "4636197"   "4650469"   "4657486"   "4681513"   "4741733"   "4813937"   "4938223"   "4973312"   "5017059"   "5053031"   "5059182"   "5078679"   "5078683"   "5085631"   "5127907"   "5135500"   "5160323"   "5163901"   "5165873"   "5165874"   "5181910"   "5261882"   "5332370"   "5342313"   "5364242"   "5538399"   "5556263"   "5575770"   "5603354"   "5618163"   "5632606"   "5647575"   "5655779"   "5695473"   "5710401"   "5725504"   "5743878"   "5755691"   "5772635"   "5788673"   "5799690"   "5800397"   "5807075"   "5853373"   "5931647"   "5941533"   "5944495"   "6007310"   "6090071"   "6585499").PN. OR ("6679862"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 17:37
S18	4	((("4548607") or ("5053031") or ("4487603") or ("6090071"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/16 17:49
S20	7	S16 not S17	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 17:50

## EAST Search History

S21	100	((("0783971") or ("2423701") or ("2734526") or ("3130586") or ("3149492") or ("3418853") or ("3603152") or ("3731679") or ("4027536") or ("4139008") or ("4141252") or ("4174637") or ("4177810") or ("4179939") or ("4202333") or ("4210173") or ("4236880") or ("4265240") or ("4299218") or ("4318400") or ("4381006") or ("4384578") or ("4395259") or ("4396385") or ("4398542") or ("4398908") or ("4404854") or ("4410322") or ("4411651") or ("4416595") or ("4425800") or ("4446344") or ("4456223") or ("4460358") or ("4483196") or ("4484479") or ("4487603") or ("4493704") or ("4535641") or ("4548607") or ("4550748") or ("4559038") or ("4559040") or ("4565542") or ("4636197") or ("4650469") or ("4657486") or ("4681513") or ("4741733") or ("4813937") or ("4938223") or ("4973312") or ("5017059") or ("5053031") or ("5059182") or ("5078679") or ("5078683") or ("5085631") or ("5127907") or ("5135500") or ("5160323") or ("5163901") or ("5165873") or ("5165874") or ("5181910") or ("5261882") or ("5332370") or ("5342313") or ("5364242") or ("5538399") or ("5556263") or ("5575770") or ("5603364") or ("5618163") or ("5632606") or ("5647575") or ("5655779") or ("5695473") or ("5710401") or ("5725504") or ("5743878") or ("5755691") or ("5772635") or ("5788673") or ("5799690") or ("5800397") or ("5807075") or ("5853373") or ("5931647") or ("5941533") or ("5944495") or ("6007310") or ("6090071") or ("6585499"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/16 17:50
S22	4	S16 not S21	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 17:50
S23	1	S17 not S21	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 17:50

## EAST Search History

S24	7320	pump and (infusion delivery) and control\$4 and flow same pulse	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 18:23
S26	258	pump and (infusion delivery) and control\$4 and flow same pulse and multiple same site and (diaphragm valve check)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 12:52
S27	3	pump and (infusion delivery) and control\$4 and flow same pulse and multiple same site and (diaphragm valve check) and siphon\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 18:25
S28	3	pump and (infusion delivery) and control\$4 and flow same pulse same restriction and multiple same site and (diaphragm valve check)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 18:27
S29	26	pump and (infusion delivery) and control\$4 and flow same pulse same resistance and multiple same site and (diaphragm valve check)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 18:27
S30	587	(604/151).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/16 18:38
S32	281	(604/152).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/17 17:06
S33	587	(604/151).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/17 17:06
S34	265	S32 not S33	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/17 17:34
S35	521	(604/153).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/17 17:34
S37	474	S35 not (S33 S32)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/17 18:04
S38	2	("3426743").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/17 18:04
S40	587	(604/151).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/18 10:16
S41	281	(604/152).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/18 10:16

## EAST Search History

S42	521	(604/153).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/18 10:16
S44	667	(604/67).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/18 10:17
S45	538	S44 not (S40 S41 S42)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 10:29
S46	252	(604/236).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/18 10:29
S47	248	S46 not (S40 S41 S42)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 10:36
S48	79	(604/237).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/18 11:03
S49	237	(604/141).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/18 11:04
S50	212	S49 not (S40 S41 S42 S46 S48)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 11:04
S52	6	((("6824528") or ("4360019") or ("6749587") or ("5221268") or ("4979940") or ("4846792"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/18 14:27
S53	14144	(multiple plurality) same (infusion delivery) same tube	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 14:27
S55	410	(multiple plurality) same (infusion delivery) same (tube leg) and controller and pump and reservoir	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 11:34
S56	2	((("5181910") or ("5653250"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/18 14:48
S57	1	("5935106").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/18 14:51
S58	2	((("4548607") or ("4487603"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/18 14:51
S59	1	("4535820").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 09:50



## EAST Search History

S60	1	("5226886").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 09:50
S61	28	("2907325"   "3091239"   "4187057"   "4274558"   "4347874"   "4515589"   "4650471"   "4687468"   "4712583"   "4798590"   "4828551"   "4898581"   "4909710"   "4950254").PN. OR ("5226886"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 09:50
S62	77	("2467189"   "2497906"   "2758609"   "3190496"   "4143853"   "4355639"   "4493339").PN. OR ("4712583").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 10:08
S63	20	("4537561"   "4712583"   "4758228"   "4878896"   "5006110"   "5213573"   "5308333"   "5403277").PN. OR ("6106498"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 10:18
S64	5	((("4395259") or ("4559038") or ("4650469") or ("5695473") or ("5807075")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 11:33
S65	394	pump and (infusion delivery) and control\$4 and flow same pulse and multiple same site	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 11:33
S66	4452	tube and flow and divide and (flow adj restrictor check adj valve)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 11:35
S67	121	tube and flow and divide and (flow adj restrictor) and (check adj valve)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 11:35
S68	32	("2766907"   "4267834"   "4507116"   "4626243"   "4735613").PN. OR ("5059182").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 12:28
S69	386	catheter and (divid\$4 split) and multiple and check adj valve	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 12:36
S70	110	multiple with site with infusion	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:50
S71	2	valve with system with divid\$4 with flow and pump and catheter	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 12:42
S73	1	("4360019").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 12:52

## EAST Search History

S74	1476	y\$connector	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 12:53
S75	359	y\$connector and infusion	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 12:53
S76	63	S75 and check adj valve	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 12:54
S78	3	S76 and flow adj restrictor	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 12:54
S79	13	S75 and flow adj restrictor	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 12:54
S80	11	("4712551"   "4979937"   "5190528"   "5354279"   "5458574"   "5466216"   "5693029"   "5695457"   "5868703"   "5957879"   "6315751").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:07
S81	1	("5236417").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 13:08
S84	278	(bifurcat\$4 same connector or y\$fitting) and check adj valve	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:13
S85	11	("4712551"   "4979937"   "5190528"   "5354279"   "5458574"   "5466216"   "5693029"   "5695457"   "5868703"   "5957879"   "6315751").PN. OR ("6554790"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:46
S86	4	multiple with site with infusion with apparatus	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:53
S87	11	((("6824528") or ("6749587") or ("5221268") or ("4846792") or ("6585499") or ("5236417") or ("4846792") or ("5059173") or ("5817046") or ("4979937") or ("0497833"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 14:42
S88	1239	(137/510).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:11
S89	3	S88 and multiple with outlet	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 14:49

## EAST Search History

S90	121	S88 and (multiple dual two) with outlet	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 15:03
S91	105	S88 and (multiple dual two) with (passage passageway)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 15:04
S93	25	("0623934"   "1220985"   "1884810"   "2583664"   "2715418"   "2877791"   "3038488"   "3057376").PN. OR ("3566913").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 15:23
S94	271	(604/284).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 15:24
S96	13	S94 and check adj valve	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 15:25
S98	2	S94 and flow adj restriction	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 15:25
S99	40	("3860006"   "4619247"   "4655746").PN. OR ("4748984").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 17:41
S10 2	13	"6106498"	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 18:04
S10 3	1	("6106498").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 18:04
S10 4	20	("4537561"   "4712583"   "4758228"   "4878896"   "5006110"   "5213573"   "5308333"   "5403277").PN. OR ("6106498").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 18:13
S10 5	300	(604/6.11).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 18:15
S10 6	105	S105 and outlet with pressure	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 18:16
S10 7	11	S105 and outlet with pressure and (plurality several dual) with (legs tubes)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 18:23

## EAST Search History

S10 8	78	("2642874"   "3045677"   "3411506"   "3516408"   "3647324"   "3811800"   "3837347"   "3851649"   "3864055"   "3888250"   "3957389"   "3959128"   "3970408"   "3995617"   "4013564"   "4037984"   "4047526"   "4048064"   "4059512"   "4127481"   "4140652"   "4171283"   "4183811"   "4192302"   "4206050"   "4218321"   "4231366"   "4250141"   "4300550"   "4300551"   "4303521"   "4313831"   "4376707"   "4385631"   "4416280"   "4423725"   "4445892"   "4500309"   "4540402"   "4546759"   "4563170"   "4573966"   "4609461"   "4610662"   "4634604"   "4636195"   "4648865"   "4655746"   "4666426"   "4681764"   "4696668"   "4705502"   "4708718"   "4714460"   "4728432"   "4731055"   "4741328"   "4744366"   "4781677"   "4820261"   "4828882"   "4832034"   "4832839"   "4867742"   "4883459"   "5186712"   "5609598"   "Re28742").PN. OR ("5817046"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 18:19
S10 9	1	("5597377").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 18:19
S11 0	47	(604/505).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 18:25
S11 1	577	(604/65).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 18:25
S11 2	94	(604/94.01).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 19:09
S11 3	784	(604/246).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 19:09
S11 4	575	(604/247).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 19:10
S11 5	6	((("4842584") or ("4898576") or ("4959050") or ("5015226") or ("5292306") or ("5880387"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/21 19:10

## EAST Search History

S11 6	0	("2004/0158210").URPN.	USPAT	OR	ON	2006/04/07 15:10
S11 7	1	("6251098").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/07 15:09
S11 8	807	(604/246).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/07 15:10
S11 9	585	(604/247).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/07 15:10
S12 0	324	(604/248).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/07 15:10
S12 1	452	(604/249).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/07 15:10
S12 2	766	(604/256).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/07 15:11
S12 3	263	(604/31).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/07 15:11
S12 4	140	(604/33).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/07 15:12
S12 5	217	medical and valve and diaphragm and biasing and first with outlet and second with outlet	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 15:13
S12 6	68	S125 and spring and flow with restrict\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 15:14
S12 7	25	("2833311"   "3532126"   "3877428"   "4011893"   "4275767"   "4298000"   "4351335"   "4447232"   "4507115"   "4537680"   "4626244"   "4634434").PN. OR ("4874386").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 11:50
S12 8	1238	(137/510).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:11
S12 9	253	S128 and diaphragm and outlet with (plurality two second)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 13:13
S13 0	253	S128 and diaphragm and outlets with (plurality two second)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 13:21

## EAST Search History

S13 3	7	S130 and split	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 13:23
S13 4	59	S130 and divide	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 13:32
S13 5	291	S128 and (second plurality two) with outlet	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 13:32
S13 6	132	S128 and (second plurality two) near3 outlet	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 13:33
S13 7	98	S128 and (second plurality two) near2 outlet	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 13:33
S13 8	72	S137 not S134	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 13:58
S13 9	50	("4511355" "5637095" "4540351" "4631007" "5372583" "5860954" "6083201" "6245056" "4257416" "4269387" "4282881" "4291693" "4318402" "4340083" "4402685" "4411654" "4439192" "4457313" "4465475" "4479797" "4496362" "4534758" "4568330" "4568335" "4583973" "4585435" "4612010" "4623343" "4627841" "4632244" "4755168" "4758225" "4781703" "4790829" "4813937" "4826480" "4867743" "4869384" "4871356" "4883467" "4935010" "4955863" "4976703" "4976698" "4994048" "4998921" "5059182" "5176662" "5192275" "5203943").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 13:59
S14 0	31	("2428577"   "2792834"   "3492876"   "4050459"   "4456152"   "4467942"   "4710179"   "4813937"   "4832694"   "4874386"   "4962868"   "4966585"   "4991742"   "4997420"   "5024661"   "5104380"   "5135500"   "5178609"   "5318544"   "6001089").PN. OR ("6083201").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:07
S14 2	483	(251/45).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 14:08
S14 3	3440	(251/45,46,61,63.6,331,124,117). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 14:08

## EAST Search History

S14 4	232	S143 and (second plurality two) near2 outlet	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:09
S14 6	165	S144 and diaphragm	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:12
S14 7	142	S146 and fluid	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:12
S14 8	7	S147 and medical	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:12
S14 9	34	("2645238"   "2729222"   "2988322"   "3073566"   "3134570"   "4014514"   "4653526"   "4819691"   "4836236").PN. OR ("5152500"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:14

## EAST Search History

S15 0	77	(US-20040158210-\$ or US-20020198494-\$ or US-20020198493-\$ or US-20020189684-\$ or US-20020139863-\$ or US-20020120236-\$ or US-20040106902-\$ or US-20060074386-\$ or US-20020147431-\$).did. or (US-6251098-\$ or US-6467505-\$ or US-6240943-\$ or US-6231077-\$ or US-5139226-\$ or US-5007420-\$ or US-5730418-\$ or US-6068288-\$ or US-6908452-\$ or US-6679862-\$ or US-5431185-\$ or US-6254576-\$ or US-6312409-\$ or US-6537258-\$ or US-3965897-\$ or US-4121584-\$ or US-4699615-\$ or US-4874386-\$ or US-4925451-\$ or US-5009251-\$ or US-5713877-\$ or US-6416495-\$ or US-6932795-\$ or US-4275767-\$ or US-4507115-\$ or US-5346476-\$). did. or (US-6083201-\$ or US-6348043-\$ or US-6802823-\$ or US-5637083-\$ or US-3965910-\$ or US-4303376-\$ or US-4627832-\$ or US-5152746-\$ or US-5184652-\$ or US-5247966-\$ or US-5353837-\$ or US-5578059-\$ or US-6168137-\$ or US-6228069-\$ or US-6626329-\$ or US-4581020-\$ or US-5158547-\$ or US-6063062-\$ or US-4664142-\$ or US-6199582-\$ or US-4300510-\$ or US-4640310-\$ or US-4790352-\$ or US-5653251-\$ or US-6341760-\$ or US-6536466-\$ or US-4534758-\$). did. or (US-5152500-\$ or US-5465905-\$).did. or (US-2756740-\$ or US-1871535-\$ or US-2416345-\$ or US-2100997-\$ or US-3173446-\$ or US-3508568-\$ or US-1786402-\$ or US-1888866-\$ or US-2763513-\$ or US-3260278-\$ or US-2016234-\$ or US-2926683-\$ or US-3414011-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:52
S15 1	5	("1871535").URPN.	USPAT	OR	ON	2006/04/10 16:50
S15 2	58	("3310048"   "3765032"   "3795246"   "4161949"   "4298001"   "4306976"   "4315513"   "4344435"   "4405319"   "4405320"   "4416657"   "4417888"   "4419094"   "4425119").PN. OR ("4581020"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 17:20



## EAST Search History

S15 3	25	("2833311"   "3532126"   "3877428"   "4011893"   "4275767"   "4298000"   "4351335"   "4447232"   "4507115"   "4537680"   "4626244"   "4634434").PN. OR ("4874386").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 17:22
S15 4	74	("0954898"   "1964300"   "2236084"   "2289905"   "2323115"   "2376022"   "2506179"   "2509456"   "2511733"   "2519448"   "3213333"   "3233457"   "3298367"   "3378023"   "3398860"   "3470915"   "3532126"   "3532127"   "3587313"   "3690318"   "3785378"   "3841354"   "3877428"   "3882892"   "3921916"   "3998427"   "4006753"   "4011893"   "4079737"   "4096879"   "4209133"   "4275767"   "4298000"   "4300596"   "4375813"   "4509946"   "4518011"   "4527595"   "4534757"   "4537680"   "4552178"   "4581624"   "4626244"   "4634434"   "4691738"   "4696195"   "4715852"   "4756508"   "4822344").PN. OR ("5009251"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 17:23
S15 5	34	("2645238"   "2729222"   "2988322"   "3073566"   "3134570"   "4014514"   "4653526"   "4819691"   "4836236").PN. OR ("5152500"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 17:47
S15 6	6	S150 and bush\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 17:48
S15 7	6	S150 and bushing	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 17:48
S15 9	32	S150 and flow with restrict\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 17:48
S16 0	5	S159 and S157	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 17:52
S16 1	3	S150 and outlet with bushing	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 18:04
S16 2	1	medical and infusion and outlet with bushing same flow same restrict\$	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 18:04

## EAST Search History

S16 3	3	infusion and outlet with bushing same flow same restrict\$	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 18:05
S16 4	9	("3426743" "3566913" "4199307" "4487603" "4626243" "4748984" "5226886" "5807075").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 11:17
S16 5	14	("4966579"   "5059174"   "5069668").PN. OR ("5188603"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 11:23
S16 6	1	("6679862").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/06 11:23
S16 7	98	("2423701"   "2734526"   "3130586"   "3149492"   "3418853"   "3603152"   "3731679"   "4027536"   "4139008"   "4141252"   "4174637"   "4177810"   "4179939"   "4202333"   "4210173"   "4236880"   "4265240"   "4299218"   "4318400"   "4381006"   "4384578"   "4395259"   "4396385"   "4398542"   "4398908"   "4404854"   "4410322"   "4411651"   "4416595"   "4425800"   "4446344"   "4456223"   "4460358"   "4483196"   "4484479"   "4487603"   "4493704"   "4535641"   "4548607"   "4550748"   "4559038"   "4559040"   "4565542"   "4636197"   "4650469"   "4657486"   "4681513"   "4741733"   "4813937"   "4938223"   "4973312"   "5017059"   "5053031"   "5059182"   "5078679"   "5078683"   "5085631"   "5127907"   "5135500"   "5160323"   "5163901"   "5165873"   "5165874"   "5181910"   "5261882"   "5332370"   "5342313"   "5364242"   "5538399"   "5556263"   "5575770"   "5603354"   "5618163"   "5632606"   "5647575"   "5655779"   "5695473"   "5710401"   "5725504"   "5743878"   "5755691"   "5772635"   "5788673"   "5799690"   "5800397"   "5807075"   "5853373"   "5931647"   "5941533"   "5944495"   "6007310"   "6090071"   "6585499").PN. OR ("6679862"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 11:24

## EAST Search History

S16 8	25	("2833311"   "3532126"   "3877428"   "4011893"   "4275767"   "4298000"   "4351335"   "4447232"   "4507115"   "4537680"   "4626244"   "4634434").PN. OR ("4874386").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 11:44
S16 9	21	("4132361"   "4436108"   "4466458"   "4541562"   "4576159"   "4699173"   "4741354"   "5218991"   "5411051"   "5769113").PN. OR ("6240943").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 11:51
S17 0	8	("2101356"   "4058260"   "4630642"   "4961441"   "5678601"   "5931186").PN. OR ("6341760"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 13:24
S17 1	0	("2004/0158210").URPN.	USPAT	OR	ON	2007/04/06 12:03
S17 2	154	(604/173).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/06 13:25
S17 3	47	(604/258).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/06 13:33
S17 4	10	("4237880"   "4343305"   "4534764"   "4966199"   "5025829"   "5520661").PN. OR ("5935100"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 13:34
S17 5	0	("2004/0236286").URPN.	USPAT	OR	ON	2007/04/06 13:37
S17 6	97	(604/94.01).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/06 13:45
S17 7	74572	"604".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 13:46
S17 8	27	S177 and split with flow with path	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 13:54
S17 9	1752	split with flow with path	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 13:54
S18 0	812	split with flow with path and valve	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 13:54
S18 1	395	split with flow with path and valve and (deliver\$4 infus\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 13:55

## EAST Search History

S18 2	74	split with flow with path and valve with (two first and second) with outlet and (deliver\$4 infus\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 14:00
S18 3	736	S177 and valve with (two first and second) with outlet and (deliver\$4 infus\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 14:00
S18 4	11	S177 and valve with (two first and second) with outlet and (deliver\$4 infus\$4) and separate with location	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 14:04
S18 5	398	S177 and valve with (two first and second) with outlet and (deliver\$4 infus\$4) and (spring biasing adj (member mechanism element))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 14:05
S18 6	56	("3552441"   "3730170"   "3731681"   "4193397"   "4258711"   "4496343"   "4525165"   "4692146").PN. OR ("4978338").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 14:16
S18 7	2	("5465938"   "5509436").PN. OR ("6537258").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 14:34
S18 8	40	medical with infusion with (valve pump) and separate with location	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 14:40
S18 9	40	medical with infusion with (valve pump) and separate with (location are)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 14:35
S19 0	86	medical with infusion with (valve pump) and separate with (location area)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 14:35
S19 1	7	medical with infusion with (valve pump) and separate with (location area) and diaphragm	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 14:37
S19 2	3	medical with infusion with (valve pump) and separate with (location area) and outlet near3 (first second two)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 14:38
S19 3	86	medical with infusion with (valve pump) and separate with (location area)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 14:40
S19 4	1376	medical with (infus\$4 deliver\$4) and (valve pump) and (two first and second) with outlet	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 14:41
S19 5	32	S194 and ((split with flow with path) (separate with location))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/06 14:41

## EAST Search History

S19 6	1321	(251/331).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/10 12:52
S19 7	371	(137/512.4).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/10 12:52
S19 8	753	(137/883).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/10 13:11
S19 9	5	("2960109"   "3768507"   "5154394"   "5899224").PN. OR ("6378542"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 13:15
S20 0	26	("2844352"   "3379214"   "3448960"   "3480040"   "3814736"   "4056255"   "4295111"   "4534539"   "4733212"   "4980933"   "5029807").PN. OR ("5259416"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 13:45
S20 1	29	("1173703"   "1780121"   "2161813"   "2494461"   "2676603"   "2777466"   "3538946"   "3677611"   "3831628"   "4005726"   "4036194"   "4037617"   "4276237"   "4536104"   "4552181"   "4860714"   "5109822").PN. OR ("5287841").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 14:02
S20 2	1301	S196 not (S197 S198 S199 S200 S201)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 15:04
S20 4	1424	(604/533-539,284).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/10 15:44
S20 5	166	S204 and inlet and outlet and (valve pump) and flow	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 15:48
S20 6	379	S204 and spring	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 15:49
S20 7	77	S204 and spring and inlet and outlet	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 15:49
S20 8	7	("1793396").URPN.	USPAT	OR	ON	2007/04/10 17:55
S20 9	8	("2353535"   "3148364"   "3314047").PN. OR ("3677611"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 17:58

## EAST Search History

S21 0	28	("2177544"   "2304993"   "2486223"   "2734776"   "2751919"   "3476150"   "3543797"   "3753449"   "3881513"   "3899551"   "3987131"   "4007721"   "4097563"   "4100234"   "4129622"   "4177224"   "4181108").PN. OR ("4276237").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 17:59
S21 1	26	("2844352"   "3379214"   "3448960"   "3480040"   "3814736"   "4056255"   "4295111"   "4534539"   "4733212"   "4980933"   "5029807").PN. OR ("5259416"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 18:03
S21 2	10	("4237880"   "4343305"   "4534764"   "4966199"   "5025829"   "5520661").PN. OR ("5935100"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 18:04
S21 3	5	("2960109"   "3768507"   "5154394"   "5899224").PN. OR ("6378542"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 18:05
S21 4	0	("2926683").URPN.	USPAT	OR	ON	2007/04/10 18:16
S21 5	21	("4132361"   "4436108"   "4466458"   "4541562"   "4576159"   "4699173"   "4741354"   "5218991"   "5411051"   "5769113").PN. OR ("6240943").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 18:23

## EAST Search History

S21 6	79	(US-20040158210-\$ or US-20060074386-\$ or US-20020147431-\$ or US-20020139863-\$ or US-20040106902-\$ or US-20020198493-\$ or US-20020120236-\$ or US-20020198494-\$ or US-20020189684-\$).did. or (US-6679862-\$ or US-6802823-\$ or US-6348043-\$ or US-6083201-\$ or US-5346476-\$ or US-4507115-\$ or US-4275767-\$ or US-6312409-\$ or US-5431185-\$ or US-6231077-\$ or US-4627832-\$ or US-4534758-\$ or US-6068288-\$ or US-6932795-\$ or US-5713877-\$ or US-5009251-\$ or US-4925451-\$ or US-4874386-\$ or US-3965897-\$ or US-5637083-\$ or US-6228069-\$ or US-6168137-\$ or US-6063062-\$ or US-5578059-\$ or US-5353837-\$ or US-5247966-\$). did. or (US-5184652-\$ or US-3965910-\$ or US-6626329-\$ or US-4581020-\$ or US-6467505-\$ or US-5139226-\$ or US-5007420-\$ or US-5152500-\$ or US-6416495-\$ or US-6908452-\$ or US-6537258-\$ or US-5730418-\$ or US-4303376-\$ or US-4121584-\$ or US-5158547-\$ or US-6251098-\$ or US-6254576-\$ or US-4699615-\$ or US-5152746-\$ or US-6536466-\$ or US-6341760-\$ or US-6240943-\$ or US-6199582-\$ or US-4790352-\$ or US-4664142-\$ or US-4640310-\$ or US-4143673-\$). did. or (US-5653251-\$ or US-5465905-\$ or US-4300510-\$). did. or (US-2756740-\$ or US-2016234-\$ or US-2376022-\$ or US-3173446-\$ or US-2926683-\$ or US-2416345-\$ or US-1888866-\$ or US-1871535-\$ or US-1786402-\$ or US-3508568-\$ or US-3414011-\$ or US-3260278-\$ or US-2763513-\$ or US-2100997-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 18:29
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## EAST Search History

S21 7	62	(US-5807075-\$ or US-4487603-\$ or US-5226886-\$ or US-4626243-\$ or US-4199307-\$ or US-3426743-\$ or US-5695473-\$ or US-5364242-\$ or US-5127907-\$ or US-5059182-\$ or US-4559038-\$ or US-4548607-\$ or US-4139008-\$ or US-5385540-\$ or US-5244463-\$ or US-6251098-\$ or US-6045533-\$ or US-5782805-\$ or US-5695464-\$ or US-5683367-\$ or US-5637093-\$ or US-5188603-\$ or US-5171029-\$ or US-4601707-\$ or US-4850972-\$ or US-4747826-\$). did. or (US-4718893-\$ or US-5882339-\$ or US-5364364-\$ or US-4671786-\$ or US-4373527-\$ or US-4364386-\$ or US-4191181-\$ or US-5292306-\$ or US-4850805-\$ or US-4798589-\$ or US-3559644-\$ or US-4559037-\$ or US-6179583-\$ or US-6805693-\$ or US-5609576-\$ or US-5213573-\$ or US-5108367-\$ or US-3798982-\$ or US-5935106-\$ or US-5437635-\$ or US-4411603-\$ or US-4217993-\$ or US-4548550-\$ or US-4411652-\$ or US-6186982-\$ or US-5788674-\$ or US-RE31315-\$). did. or (US-4308866-\$ or US-6179806-\$ or US-4449693-\$ or US-5106374-\$ or US-5954696-\$ or US-4084606-\$ or US-5720728-\$). did. or (US-3572375-\$ or US-1846596-\$).did.	USPAT; USOCR	OR	ON	2007/04/10 18:29
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## EAST Search History

S21 8	41	(US-20060259006-\$ or US-20040186419-\$ or US-20040236286-\$ or US-20030216683-\$ or US-20020104372-\$).did. or (US-6471674-\$ or US-6972001-\$ or US-6699219-\$ or US-5368570-\$ or US-2423701-\$ or US-6986350-\$ or US-5218991-\$ or US-6551290-\$ or US-4695273-\$ or US-4403611-\$ or US-5935100-\$ or US-4978338-\$ or US-4541429-\$ or US-6516795-\$ or US-4084606-\$ or US-4890640-\$ or US-5431185-\$ or US-6378542-\$ or US-3092141-\$ or US-4699176-\$ or US-4703913-\$ or US-5259416-\$ or US-5287841-\$ or US-3677611-\$ or US-4276237-\$ or US-5971025-\$). did. or (US-6460367-\$ or US-6532758-\$ or US-4243070-\$ or US-4858883-\$).did. or (US-2423701-\$ or US-1229455-\$ or US-1276478-\$ or US-1099713-\$ or US-1793396-\$ or US-1807277-\$). did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 18:30
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